## **07 0 00000:00**

0000000 7 000

$$100000 \ f(x) = x - \frac{x}{e^{x}} (a > 0) 0000000 \ X_{0} \ X_{2} \ 0 \ X_{1} < x_{2} \ 0 \ X_{2} < \frac{e}{a} \ 0$$

$$0100^{a=\frac{5}{2}}000^{f(x)}000000$$

$$3002021$$
  $0 \bullet 00000000$   $f(x) = ae^{x} + lnx - 1(a \in R)$ 

$$100^{2}, e_{000000}^{f(x)} 10000$$

$$20000 \stackrel{f(x)}{=} 000000 \stackrel{X_1}{=} \stackrel{X_2}{=} \stackrel{X_2}{=} \stackrel{X_1}{=} \stackrel{X_2}{=} \stackrel{X_2}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_3}{=} \stackrel{X_4}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_4}{=} \stackrel{X_2}{=} \stackrel{X_4}{=} \stackrel{X_4}{=}$$

**4**□□**2021**•□□□□□□□□□ 
$$f(x) = ae^{x} + lnx - 1(a \in R)$$

$$100^{\,A_{\!\scriptscriptstyle A}}\,\,{}^{e}\!000000\,\,{}^{f(\,\lambda\!)}\,00000$$

$$20000 \ f(\vec{x}) \ 0000000 \ \vec{X}_0 \ \vec{X}_2(\vec{X}_1 < \vec{X}_2) \ 00 \ \vec{X}_1 + \vec{X}_2, \ 2hB_{00} \ \vec{X}_1 \ 00000$$

$$5002021 \cdot 000000000 f(x) = lnx_0$$

$$010000 g(x) = x^2 f(x) 000000$$

$$f(x) = \frac{1}{X} - x + alnx$$

01000 <sup>f(x)</sup>00000

7002021  $\bigcirc \bullet$ 0000000  $f(x) = x - ae^x (a \in R)_{\bigcirc} x \in R_{\bigcirc}$ 

0100 <sup>f(x)</sup>000000

 $2200000 \stackrel{\mathcal{Y}}{=} f(\mathbf{X}) 00000 \stackrel{\mathcal{X}}{=} \mathbf{X}_2 00 \stackrel{\mathcal{X}}{=} \mathbf{X}_2$ 

0i00 <sup>a</sup>00000

 $0 \text{ ii} 0000 \frac{X_2}{X_1} 00 \text{ } a 0000000$ 



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